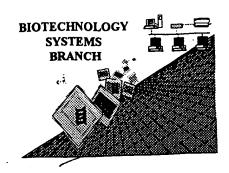
RAW SEQUENCE LISTING ERROR REPORT



KW

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

09/856,796

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

RAW SEQUENCE LISTING PATENT APPLICATION US/09/856,796

DATE: 07/06/2001 TIME: 04:30:40

INPUT SET: S36582.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

see iten for Ever Summany Steet

Does Not Comply **Corrected Diskette Needed** GENERAL INFORMATION, SEQUENCE LISTING 1 T move up - all reparse most has same lisé General Information 3 (1) (A) NAME: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (B) STREET: 3, rue Michel-Ange POSTAL CODE: 75794 CEDEX 16 10 11 (ii) TITLE OF THE INVENTION: NF-?B ACTIVATION INHIBITORS, AND 12 THEIR PHARMACEUTICAL USES 13 (v) CORRESPONDENCE ADDRESS:
(A) ADDRESSE:
(B) STREET:
(C) CITY:
(D) STATE:
(C) COUNTRY:
(D) COUNTRY: 14 (iii) NUMBER OF SEQUENCES: 4 15 (V) (IV) COMPUTER READABLE FORM:) MEDIUM TYPE! 16 17 (A) TYPE OF SUPPORT: Floppy disk 18 (B) COMPUTER: IBM PC compatible OPERATING SYSTEM 19 (C) USER SYSTEM: PC-DOS/MS-DOS 20 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (OEB) 21 22 Lodd Llese mardetay (M) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE: 23 **ERRORED SEQUENCES FOLLOW:** (2) INFORMATION FOR SEQ ID NO: 1: 24 25 (i) SEQUENCE CHARACTERISTICS: 26 (A) LENGTH: 609 base pairs 27 (B) TYPE: nucleotide 28 (C) NUMBER OF STRANDS double 29 (D) CONFIGURATION: linear 30 (ii) TYPE OF MOLECULE: DNA (genomic) MOLECULE TYPE? (ix) CHARACTERISTIC: FEATURE; 35 (A) NAME/KEY: CDS 36 37 (B) POSITION:1..609 38 39

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/856,796

DATE: 07/06/2001 TIME: 04:30:40

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TGC 96	CTG	CCC	TGG	CTT	CAA	GAG	GGC	AGT	GCC	TTC	CCA	ACC	ATT	ccc	TTA	0
	Leu	Pro	Trp 20	Leu	Gln	Glu	Gly	Ser 25	Ala	Phe	Pro	Thr	Ile 30	Pro	Leu	1
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	Ala 50	Phe	Asp	Thr	туr	Gln 55	Glu	Phe	Asn	Pro	Gln 60	Thr	Ser	Leu	Cys	
TTC 240	TCA	GAG	TCT	ATT	CCG	ACA	CCC	TCC	AAC	AGG	GAG	GAA	ACA	CAA	CAG	
_	Ser	Glu	Ser	Ile	Pro 70	Thr	Pro	Ser	Asn	Arg 75	Glu	Glu	Thr	Gln	Gln 80	
AAA 288	TCC	AAC	CTA	GAG	CTG	CTC	CGC	ATC	TCC	CTG	CTG	CTC	ATC	CAG	TCG	
Lys	Ser	Asn	Leu	Glu 85	Leu	Leu	Árg	Ile	Ser 90	Leu ,	Leu	Leu	Ile	Gln 95	Ser	
TGG 336	CTG	GAG	CCC	GTG	CAG	TTC	CTC	AGG	AGT	GTC	TTC	GCC	AAC	AGC	CTG	
	Leu	Glu	Pro 100	Val	Gln	Phe	Leu	Arg 105	Ser	Val	Phe	Ala	Asn 110	Ser	Leu	
GTG 384	TAC	GGC	GCC	TCT	GAC	AGC	AAC	GTC	TAT	GAC	CTC	CTA	AAG	GAC	CTA	
	Tyr	Gly 115	Ala	Ser	Asp	Ser	Asn 120		Туr	Asp		Leu 125		Asp	Leu	
GAG 432	GAA	GGC	ATC	CAA	ACG	CTG	ATG	GGG	AGG	CTG	GAA	GAT	GGC	AGC	ccc	
Glu	Glu 130	Gly	Ile	Gln	Thr	Leu 135	Met	Gly	Arg	Leu	Glu 140	Asp	Gly	Ser	Pro	
CGG 480	ACT'	GGG	CAG	ATC	TTC	AAG	CAG	ACC	TAC	AGC	AAG	TTC	GAC	ACA	AAC	
	Thr	Gly	Gln	Ile	Phe 150	Lys	Gln	Thr	Tyr	Ser 155	Lys	Phe	Asp	Thr	Asn 160	

RAW SEQUENCE LISTING PATENT APPLICATION US/09/856,796

DATE: 07/06/2001 TIME: 04:30:41

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	125	Ser	Arg	Leu	Phe	Asp	Asn	Ala	Ser	Leu	Arg	Ala	His	Arg	Leu	His	Gln		
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	137	Trp	Leu	Glu	Pro	Val	Gln	Phe	Leu	Arg	Ser	Val	Phe	Ala	Asn	Ser	Leu		
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/856,796

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	145 146 147 148	Arg 145	Thr	Gly	Gln	Ile	Phe 150	Lys	Gln	Thr	Туr	Ser 155	Lys	Phe	Asp	Thr	Asn 160	
	149 150 151	Ser	His	Asn	Asp	Asp 165		Leu	Leu	Lys	Asn 170	Tyr	Gly	Leu	Leu	Tyr 175	Cys	
	152 153 154	Phe	Arg	Lys	Asp 180	Met	Asp	Lys	Val	Glu 185	Thr	Phe	Leu	Arg	Ile 190	Val	Gln	
	155 156 157	Cys	Arg	Ser 195	Val	Glu	Cly	Ser	Cys 200	Gly	Phe							
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	176 177	ATG	GGG	GTG	CAC	GAA	TGT 	CCT	GCC ———	TGG	CTG	TGG	CTT	CTC	CTG	TCC	CTG	1 ₹ ₹
	178 179 180	Met	Gly 205	Val	His	Glu	Cys	Pro 210	Ala	Trp	Leu	Trp	Leu 215	. Leu	Leu	Ser	Leu	4
	181 182	CTG 96	TCG	CTC	CCT	CTG	GGC	CTC	CCA	GTC	CTG	GGC	GCC	CCA	CCA	CGC	CTC	formal
	183 184 185	Leu 220	Ser	Leu	Pro	Leu	Gly 225	Leu	Pro	Val	Leu	Gly 230	Ala	Pro	Pro	Arg	Leu 235	U JANO
	186 187	ATC 144	TGT	GAC	AGC	CGA	GTC	CTG	GAG	AGG	TAC	CTC	TTG	GAG	GCC	AAG	GAG	
	188 189 190		Cys	Asp	Ser	Arg 240	Val	Leu	Glu	Arg	Tyr 245	Leu	Leu	Glu	Ala	Lys 250	Glu	
	191 192	GCC 192	GAG	AAT	ATC	ACG	ACG	GGC	TGT	GCT	GAA	CAC	TGC	AGC	TTG	AAT	GAG	
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19/	240																		
198	Asn	Ile	Thr	Val	Pro	Asp	Thr	Lys	Val	Asn	Phe	Tyr	Ala	Trp	Lys	Arg			
199			270					275					280						
200																			•
201	ATG	GAG	GTC	GGG	CAG	CAG	GCC	GTA	GAA	GTC	TGG	CAG	GGC	CTG	GCC	CTG			
202	288																		
203	Met	Glu	Val	Glv	Gln	Gln	Ala	Val	Glu	Val	Trp	Gln	Gly	Leu	Ala	Leu			
204		285					290					295	-						
205																			
206	СТС	TCG	GAA	сст	GTC	CTG	CGG	GGC	CAG	GCC	СТС	ттс	GTC	AAC	тст	TCC			
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208		Sar	al.,	λΙэ	Val	T All	λra	G1 v	Gln	λla	LOU	T.611	Val	Δen	Ser	Sor			
209	300	Ser	GIU	АТа	Val	305	Arg	GLY	0111	AIG	310	пеа	Val	A311	Der	315			
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216		CGC	AGC	CTC	ACC	ACT	CTG	CTT	CGG	GCT	CTG	GGA	GCC	CAG	AAG	GAA			
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218	Leu	Arg	Ser		Thr	Thr	Leu	Leu	Arg	Ala	Leu	Gly	Ala	Gln	Lys	Glu			
219				335					340					345					
220																			
221	GCC	ATC	TCC	CCT	CCA	GAT	GCG	GCC	TCA	GCT	GCT	CCA	CTC	CGA	ACA	ATC			
222	480																		
223	Ala	Ile	Ser	Pro	Pro	Asp	Ala	Ala	Ser	Ala	Ala	Pro	Leu	Arg	Thr	Ile			
224			350					355					360						
225																			
226	ACT	GCT	GAC	ACT	TTC	CGC	AAA	CTC	TTC	CGA	GTC	TAC	TCC	AAT	TTC	CTC			
227	528																		
228	Thr	Ala	Asp	Thr	Phe	Arq	Lys	Leu	Phe	Arg	Val	Tyr	Ser	Asn	Phe	Leu			
229		365	-			_	370			_		375							
230																			
231	CGG	GGA	AAG	CTG	AAG	CTG	TAC	ACA	GGG	GAG	GCC	TGC	AGG	ACA	GGG	GAC			
232	576																		
233		Glv	Lvs	Leu	Lys	Leu	Tvr	Thr	Glv	Glu	Ala	Cvs	Ara	Thr	Glv	Asp			
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 242	(2)	INF	ORMA	rion	FOR	SEQ	ID 1	10: 4	1:										
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244			(i) S	SEQUE	ENCE	CHAI	RACTI	ERIST	rics	:									
245			()	A) LI	ENGTE	H:]	193 a	amino	aci	ids									
246			/ 1) m	ma.			- 4 - 2											

(B) TYPE: amino acid
(D CONFIGURATION: linear

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/09/856,796*

DATE: 07/06/2001 TIME: 04:30:42

INPUT SET: S36582.raw

Line	Error	Original Text
5	Unknown or Misplaced Identifier	(i) DEPOSITOR:
6	Unknown or Misplaced Identifier	(A) NAME: CENTRE NATIONAL DE LA RECHERCHE
7	Unknown or Misplaced Identifier	(B) STREET: 3, rue Michel-Ange
8	Unknown or Misplaced Identifier	(C) CITY: PARIS
9	Unknown or Misplaced Identifier	(E) COUNTRY: FRANCE
10	Unknown or Misplaced Identifier	(F) POSTAL CODE: 75794 CEDEX 16
18	Unknown or Misplaced Identifier	(A) TYPE OF SUPPORT: Floppy disk
20	Unknown or Misplaced Identifier	(C) USER SYSTEM: PC-DOS/MS-DOS
27	Entered (609) and Calc. Seq. Length (0) differ	(A) LENGTH: 609 base pairs
29	Unknown or Misplaced Identifier	(C) NUMBER OF STRANDS: double
30	Unknown or Misplaced Identifier	(D) CONFIGURATION: linear
32	Unknown or Misplaced Identifier	(ii) TYPE OF MOLECULE: DNA(genomic)
35 ,	Unknown or Misplaced Identifier	(ix) CHARACTERISTIC:
36	Unknown or Misplaced Identifier	(A) NAME/KEY: CDS
37	Unknown or Misplaced Identifier	(B) POSITION:1609
40	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
40	Wrong or Missing Sequence Topology	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
114	Unknown or Misplaced Identifier	(D) CONFIGURATION: linear
117	Wrong or Missing Sequence Topology	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
158	Stop Codon at end of sequence removed - no error	(2) INFORMATION FOR SEQ ID NO: 3:
161	Entered (582) and Calc. Seq. Length (0) differ	(A) LENGTH: 582 base pairs
163	Unknown or Misplaced Identifier.	(C) NUMBER OF STRANDS: double
164	Unknown or Misplaced Identifier	(D) CONFIGURATION: linear
169	Unknown or Misplaced Identifier	(ix) CHARACTERISTIC:
170	Unknown or Misplaced Identifier	(A) NAME/KEY: CDS
171	Unknown or Misplaced Identifier	(B) POSITION: 1582
174	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
174	Wrong or Missing Sequence Topology	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
247	Unknown or Misplaced Identifier	(D) CONFIGURATION: linear
249	Unknown or Misplaced Identifier	(ii) TYPE OF MOLECULE: protein
250	Wrong or Missing Sequence Topology	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
295	Stop Codon at end of sequence removed - no error	



SEQUENCE MISSING ITEM REPORT PATENT APPLICATION US/09/856,796

DATE: 07/06/2001 TIME: 04:30:42

INPUT SET: S36582.raw

APPLICANT **ADDRESSEE** STREET CITY **STATE COUNTRY** ZIP CORRESPONDENCE ADDRESS **MEDIUM TYPE OPERATING SYSTEM** APPLICATION NUMBER FILING DATE **CLASSIFICATION CURRENT APPLICATION DATA** APPLICATION NUMBER FILING DATE PRIOR APPLICATION DATA **STRANDEDNESS TOPOLOGY**

1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/856,796

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	270	T.e.11	Ser	Glu	Δla	Val	T.e.11	Δra	Glv	Gln	Δla	Leu	Leu	Val	Asn	Ser	Ser
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	272				100					-00							
	273	Gln	Pro	Trp	Glu	Pro	Leu	Gln	Leu	His	Val	Asp	Lvs	Ala	Val	Ser	Gly
	274			115					120				2	125			•
	275																
	276	Leu	Arq	Ser	Leu	Thr	Thr	Leu	Leu	Arg	Ala	Leu	Gly	Ala	Gln	Lys	Glu
	277		130					135		_			140				
	278																
	279	Ala	Ile	Ser	Pro	Pro	Asp	Ala	Ala	Ser	Ala	Ala	Pro	Leu	Arg	Thr	Ile
•	280	145					150					155					160
	281															_	
	282	Thr	Ala	Asp	Thr	Phe	Arg	Lys	Leu	Phe	Arg	Val	Tyr	Ser	Asn		Leu
	283					165					170					175	
	284		_													3	_
	285	Arg	Gly	Lys		Lys	Leu	Tyr	Thr	_	GIu	Ala	Cys	Arg		СТÄ	Asp .
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Raw Sequence Listing Error Summary

ERRO	R DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/856,796
ATTN: I	NEW RULES CASES	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1 <u>U</u>	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	_Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	_Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	_Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	_PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES) ,	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
		Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	_PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

AMC - Biotechnology Systems Branch - 06/04/2001